

## WHAT IS CLAIMED IS:

## 1. A medical information system comprising:

a patient server that can receive vital information, firstly retain the received vital information, and transmit the retained vital information; and

a medical care provider server connected to the patient server through a first network, the medical care provider server being capable of retaining the vital information received from the patient server through the first network and allowing the retained vital information to be browsed.

## 2. A medical information system according to claim 1, further comprising:

a patient terminal connected to the patient server through a second network, the patient terminal being capable of transmitting the vital information to the patient server through the second network; and

a doctor terminal connected to the medical care provider server through a third network, the doctor terminal being capable of browsing the vital information retained in the medical care provider server through the third network.

## 3. A medical information system according to claim 2, further comprising a sensor for measuring vital data, wherein the vital information includes a measurement value by the sensor.

## 4. A medical information system according to claim 2, wherein the doctor terminal can transmit an inquiry regarding health status of a patient

to the medical care provider server through the third network,

wherein the medical care provider server can transmit the inquiry received from the doctor terminal to the patient server through the first network,

wherein the patient server can transmit the inquiry received from the medical care provider server to the patient terminal through the second network, and

wherein the vital information transmitted from the patient terminal to the patient server through the second network includes a reply to the inquiry transmitted to the patient terminal.

5. A medical information system according to claim 2, further comprising:

a first unauthorized access prevention section provided in the first network;

a second unauthorized access prevention section provided in the second network; and

a third unauthorized access prevention section provided in the third network,

wherein the first and third unauthorized access prevention sections have higher security levels than that of the second unauthorized access prevention section.

6. A medical information system according to claim 5, wherein the first unauthorized access prevention section is provided with a firewall and a

virtual private network,

wherein the second unauthorized access prevention section is provided with a remote access server, and

wherein the third unauthorized access prevention section is provided with a terminal authentication server.

7. A medical information system according to claim 2, wherein the patient server and the medical care provider server are respectively clustered.

8. A medical information system comprising:

a plurality of patient servers that can receive vital information, firstly retain the received vital information, and transmit the retained vital information;

a medical care provider server connected to the patient servers through a first network, the medical care provider server being capable of retaining the vital information received from the patient servers through the first network and allowing the retained vital information to be browsed;

a plurality of patient terminals respectively connected to the patient server through a second network, the patient terminals being capable of transmitting the vital information to the patient server through the second network; and

a doctor terminal connected to the medical care provider server through a third network, the doctor terminal being capable of browsing the vital information retained in the medical care provider server through the

third network.

9. A medical information system comprising:

a patient server that can receive vital information, firstly retain the received vital information, and transmit the retained vital information;

a plurality of medical care provider servers respectively connected to the patient server through a first network, the medical care provider servers being capable of retaining the vital information received from the patient server through the first network and allowing the retained vital information to be browsed;

a patient terminal connected to the patient server through a second network, the patient terminal being capable of transmitting the vital information to the patient server through the second network; and

a plurality of doctor terminals respectively connected to the medical care provider servers through a third network, the doctor terminals being capable of browsing the vital information retained in the medical care provider servers through the third network.